

JAN 15 '02 15:22 FR

TO 5 49028101

P.04/05

Please Type a plus sign (+) inside this box

+

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**



Declaration  
Submitted  
with Initial  
Filing

OR



Declaration  
Submitted after initial  
Filing (surcharge  
(37 CFR 1.16(e))  
required)

Attorney Docket Number

BP1986

First Named Inventor

Mike Kappes

**COMPLETE IF KNOWN**

Application Number

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**A HIGHLY STABLE INTEGRATED TIME REFERENCE**

The specification of which



is a detached sheet



is on the

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended, and any amendment specifically related to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 35 U.S.C. 365(c) of any PCT international application which designated at least one country other than the United States of America, listed below and have also designated below by checking the box any foreign application for patent or inventor's certificate or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority/Not Claimed	Certified Copy Attached?
				YES/NO

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

Application Number(s)	Filing Date (MM/DD/YYYY)



Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

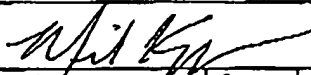
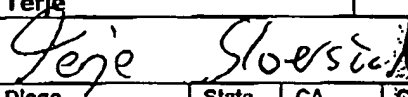
**DECLARATION-- Utility or Design Patent Application**

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

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U.S. Parent Application or PCT Parent Number		Parent Filing Date (MM/DD/YYYY)		Parent Patent Number (if applicable)	
<input type="checkbox"/> Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto					
Direct all correspondence to: <input type="checkbox"/> Customer Number or Bar Code Label OR <input checked="" type="checkbox"/> Correspondence address below					
Name	James A. Harrison				
Address	Garlick, Harrison & Markison, LLP				
Address	P.O. Box 670007				
City	Dallas	State	TX	Zip	75367
Country	US	Telephone	(214) 902-8100	Fax	(214) 902-8101
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
Name of Sole or First Inventor:		<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))		Family Name or Surname			
Mike		Kappes			
Inventor's Signature				Date	1/14/02
Residence: City	San Diego	State	CA	Country	US
Post Office Address	12468 Carmel Pointe				
Post Office Address					
City	San Diego	State	CA	Zip	92130
Name of Second Inventor:		<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))		Family Name or Surname			
Terje		Gloerstad			
Inventor's Signature				Date	1-14-02
Residence: City	San Diego	State	CA	Country	US
Post Office Address	3777 Haines Street, #16				
Post Office Address					
City	San Diego	State	CA	Zip	92109
				Country	US

BEST AVAILABLE COPY

## POWER OF ATTORNEY FROM ASSIGNEE

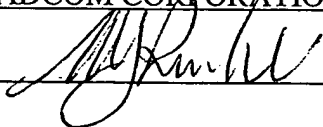
Broadcom Corporation, a California corporation having a principal place of business at 16215 Alton Parkway, Irvine, California 92618-7013, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on 1-14-02 of an invention known as **A HIGHLY STABLE INTEGRATED TIME REFERENCE** (Attorney Docket No. BP1986), which is disclosed and claimed in a patent application of the same title by the inventors Mike Kappes and Terje Gloerstad (said application filed on \_\_\_\_\_ at the U.S. Patent and Trademark Office, having Application Number \_\_\_\_\_).

The Assignee hereby appoints the U.S. attorneys associated with Garlick, Harrison & Markison, LLP. to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith, such attorneys currently being: Bruce E. Garlick, Registration No. 36,520, James A. Harrison, Registration No. 40,401, Timothy W. Markison, Registration No. 33,534, Shayne X. Short, Registration No. 45,105, and Robert C. Strawbrich, Registration No. 36,692. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

JAMES A. HARRISON  
GARLICK, HARRISON & MARKISON, LLP  
P.O. BOX 670007  
DALLAS, TEXAS 75367.

Direct phone calls to James A. Harrison at (214) 902-8100.

FOR: BROADCOM CORPORATION  
SIGNATURE:   
BY: William J. Ruehle  
Vice President and Chief Financial Officer  
TITLE: \_\_\_\_\_  
DATE: January 16, 2002

PT 1586

**Certificate Under 37 C.F.R. § 3.73(b)**

Applicants: **Mike Kappes, Terje Gloerstad**

Application No.: **Unknown**

Filing Date: \_\_\_\_\_

Entitled: **A HIGHLY STABLE INTEGRATED TIME REFERENCE**

**Broadcom Corporation**  
(Name of Assignee)

**a, California Corporation**  
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An Assignment from the inventors of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor of the patent application/patent identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: January 16, 2002

Name: William J. Ruehle

Title: Vice President and Chief Financial Officer

Signature: 